

SPECIFICATIONS

REQUIREMENT. The 92MXG has a requirement to have two overhead fall arrest systems installed in building 2050, one in hangar 1 and one in hangar 3. Each system shall meet all requirements listed herein.

The contractor shall provide all necessary engineering, design functions, fabrication, installation, testing and certification, as well as training necessary to support two site-specific, complete rail- based fall arrest systems. Minimum requirements include:

- Each system shall consist of rails that will simultaneously support 2 people working on each wing, fuselage, and left and right horizontal stabilizer for a total of 10 people.
- System shall provide working access to the entire upper surface of the KC 135.
- System shall accommodate the height of a KC-135 aircraft while the aircraft is suspended on jacks.
- Contractor shall provide a system that is totally hands-free for the user and allow the user to work with both hands while traveling along the surface of the aircraft.
- Each system will contain 10 full body harnesses, 10 retractable lifelines, and all necessary attaching hardware.
- System will not interfere with existing lights, heating or structure of building.

Contractor shall be required to abate lead-based paint and recoat as necessary those areas of the hangar support structure that interface with the fall arrest system. The Hazardous Material Survey conducted for the hangars is provided at Attachment 3 of the solicitation.

Contractor shall have uninterrupted access to hangar bays 1 and 3 during the initial engineering analysis, lead paint abatement process, and installation of the fall arrest system. Both hangars will not be out of use simultaneously without prior approval of the Maintenance Group.

Contractor shall provide detailed design drawings certified by a licensed structural engineer and “as built” drawings after project completion.

Contractor shall provide a training session on use and maintenance of the fall arrest system.

Contractor shall provide hard copy and digital formats of the use, care, and maintenance manuals.

Both systems shall be designed, manufactured, delivered, installed and put into operation within 180 days of contract award.

Each system must meet all OSHA, WISHA (Washington State Industrial Safety and Health Act), AFOSH standard 91-501, chapter 13, and AFOSH standard 91-100.

All work shall be performed in accordance with all federal, state, local laws, regulations, commercial standards and these specifications.